## **EAST Search History**

| Ref #      | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|---|---------------------|---------|---------------------|
| S2         | 243  | adjust\$4 near<br>(quantiz\$7 near<br>parameter\$1)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR                | ON      | 2007/08/17<br>11:12 |
| S3         | 101  | statistical near<br>multiplex\$4 same<br>(bandwidth near<br>constraint or limit)                              | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR                | ON      | 2007/08/17<br>12:14 |
| S4         | 0    | (sliding near<br>(window or period<br>or threshold) same<br>(adjustable near<br>quantiz\$7 and<br>parameter)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:04 |
| S5         | 768  | (sliding near time)<br>same (window or<br>period or threshold)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:05 |
| <b>S</b> 6 | 1    | S3 and S5   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:06 |
| S7         | 1    | S2 and S5   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:05 |
| S8         | 2    | (target near (bitrate<br>or bit\$1rate) same<br>(statistical near<br>multiplex))                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:08 |
| S9         | 414  | (adjustable or<br>adjusted or<br>adjusting) same<br>quantiz\$7<br>parameter                                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:11 |
| S10        | 1    | S5 and S9   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR                | ON      | 2007/08/17<br>11:12 |
| S12        | 0    | bandwidth near<br>(constraint or<br>remultiplex\$4) same<br>(target near (bitrate<br>or bit-rate))            | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR                | ON      | 2007/08/17<br>11:34 |

| S13 | 5      | (iterative near loop)<br>same (quantization<br>and parameter)     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:51 |
|-----|--------|---|---|------|-----|---------------------|
| S14 | 875    | loop same<br>(quantization and<br>parameter)                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:37 |
| S15 | 50     | S9 and S14  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:40 |
| S16 | 1      | S5 and S15  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:39 |
| S17 | 1      | S5 and S14  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:39 |
| S18 | 2      | S3 and S14  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:54 |
| S19 | 19     | (iterat\$4 near loop)<br>same (quantization<br>and parameter)     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>11:52 |
| S20 | 356    | (375/240.02).COLS.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2007/08/20<br>11:30 |
| S21 | 1331   | (382/239).OCLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2007/08/17<br>11:54 |
| S23 | 8      | S9 and S20  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/17<br>12:05 |
| S24 | 444665 | (window or<br>threshold or<br>interval) near time                 | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>12:19 |
| S25 | 52     | S3 and S24  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>12:17 |
| S26 | 2      | S14 and S25   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>12:15 |
| S27 | 4752   | sliding same<br>(window or<br>threshold or<br>interval) near time | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>12:19 |
| S28 | 1      | S3 and S27  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/17<br>12:20 |

| S29 | 5391 | sliding same time\$4<br>near (window or<br>interval or slot or<br>threshold)     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>12:21 |
|-----|------|--|---|------|----|---------------------|
| S30 | 1    | S3 and S29   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>12:21 |
| S31 | 2    | S2 and S29   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>12:23 |
| S32 | 58   | multi\$1pass near<br>encoding  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/17<br>15:50 |
| S33 | 5391 | sliding same time\$4<br>near (window or<br>interval or slot or<br>threshold)     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>15:38 |
| S34 | 1    | S32 and S33  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>15:38 |
| S37 | 19   | (iterat\$4 near loop)<br>same (quantization<br>and parameter)                    | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>15:46 |
| S38 | 875  | loop same<br>(quantization and<br>parameter)                                     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>15:46 |
| 539 | 1    | S37 and S32  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/17<br>15:47 |
| S40 | 2    | \$38 and \$32  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/17<br>16:12 |
| S41 | 125  | ((iterat\$4 or repeat<br>\$4) near loop) same<br>(quantiz\$7)                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/17<br>15:48 |
| S42 | 1    | S32 and S41  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/17<br>15:48 |
| S43 | 101  | statistical near<br>multiplex\$4 same<br>(bandwidth near<br>constraint or limit) | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2007/08/17<br>15:49 |

| S44 | 0     | S32 and S43  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/17<br>15:50 |
|-----|-------|--|---|------|-----|---------------------|
| S46 | 2     | "6038256".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/17<br>17:20 |
| S49 | 5391  | sliding same time\$4<br>near (window or<br>interval or slot or<br>threshold) | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/20<br>11:31 |
| S50 | 70961 | ("375").CLAS.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2007/08/20<br>11:30 |
| S51 | 105   | S49 and S50  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/20<br>11:31 |
| S52 | 239   | (multi\$1pass or<br>multi-pass or<br>multiple adj1 pass)<br>same encoding    | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/20<br>11:32 |
| S53 | 1     | S51 and S52  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON  | 2007/08/20<br>11:32 |
| S55 | 23    | (sliding near<br>window) same (bit<br>\$rate or data rate)<br>same bandwidth | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>12:23 |
| S58 | 456   | adjust near<br>(quantization or<br>quantisation)                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>13:34 |
| S59 | 17    | S52 and S58  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>13:28 |
| S60 | 445   | adjust adj<br>(quantization or<br>quantisation)                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>13:34 |
| S61 | 13622 | (sliding or period)<br>near window   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>13:35 |
| S62 | 6     | S60 and S61  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON  | 2007/08/20<br>13:41 |

| S63         | 745   | (pre-encoding or pre<br>\$1encoding) near<br>encod\$4          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/20<br>13:41 |
|-------------|-------|--|---|------|----|---------------------|
| S64         | 11    | S60 and S63  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/20<br>13:42 |
| S65         | 6326  | frame adj1<br>frequency  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:29 |
| S68         | 87825 | frame same<br>frequency  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:22 |
| S70         | 768   | (sliding near time)<br>same (window or<br>period or threshold) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:24 |
| S71         | 2     | S65 and S70  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:24 |
| S72         | 34525 | frame adj<br>(frequency or rate)                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:30 |
| S73         | 28    | S70 and S72  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:32 |
| S74         | 969   | picture adj rate   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:32 |
| <b>S</b> 75 | 1     | S70 and S74  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:33 |
| S77         | 9898  | sliding adj1 window  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:49 |
| S78         | 15    | S74 and S77  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2007/08/21<br>08:49 |

| S80 | 1     | 10/561361  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/05/29<br>14:58 |
|-----|-------|--|---|------|----|---------------------|
| S88 | 1     | 10/561361  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>08:55 |
| S89 | 2     | "5978029".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>12:02 |
| S90 | 2     | "6118817".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>15:44 |
| S91 | 2     | "5978029".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>16:49 |
| S92 | 1     | 10/561361  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>16:52 |
| S93 | 2560  | predetermin\$4 near<br>(time near window)                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:30 |
| S94 | 35579 | (encod\$4 or<br>compress\$4 or cod<br>\$4) same (quantizat<br>\$4) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:31 |
| S95 | 13    | S93 and S94  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:31 |
| S96 | 2     | "7016337".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:33 |
| S97 | 354   | S94 and (slid\$4<br>near window)                                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:35 |
| S98 | 1035  | (sliding near time)<br>same (window or<br>period or threshold)     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:35 |

| S99  | 3  | S97 and S98                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>17:35 |
|------|----|--------------------------------|---|------|----|---------------------|
| S100 | 14 | (intra adj direct)<br>and mode | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | NEAR | ON | 2009/06/01<br>18:27 |
| S101 | 1  | 10/528363                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2009/06/02<br>13:39 |
| S102 | 1  | 10/526243                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2009/06/02<br>13:40 |
| S103 | 1  | 10/530531                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT             | NEAR | ON | 2009/06/02<br>13:42 |

6/7/2009 2:11:51 PM

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